

AMENDMENTS TO THE CLAIMS:

The below listing of claims replaces all previous listings and versions of claims in this application:

What is claimed is:

1. (Currently Amended) A ~~touch-entry user input~~ device having a first mode in which the device does not perform a first function and a second mode in which the device does perform the first function wherein the device has ~~means~~ a touch-entry user input device for user input and is arranged, when in the first mode, to initiate exit from the first mode and entry into the second mode at the initiation of a user input and to perform the first function at the completion of the user input.
2. (Currently Amended) A The touch-entry user input device as claimed in claim 1 comprising a processor detection means for detecting the initiation of a user input and control means a processor for initiating the exit from the first mode.
3. (Currently Amended) A The touch-entry user input device as claimed in claim 1 wherein the first mode is an energy conservation mode.
4. (Currently Amended) A The touch-entry user input device as claimed in claim 1 wherein the second mode is a low power radio communication mode.
5. (Currently Amended) A The touch-entry user input device as claimed in claim 1 wherein the ~~means for touch-entry user input device~~ comprises a user deppressible key.

6. (Currently Amended) A The touch-entry user input device as claimed in claim 5 comprising discrimination means a processor for discriminating an instantaneous depression of the key from a continuous depression of the key.

7. (Currently Amended) A The touch-entry user input device as claimed in claim 1 wherein the initiation of the exit from the first mode occurs before discrimination of the user input.

8. (Currently Amended) A The touch-entry user input device as claimed in claim 1 wherein the entry into the second mode occurs before discrimination of the user input.

9. (Currently Amended) A The touch-entry user input device as claimed in claim 1 further comprising a low power radio transceiver means and wherein the exit from the first mode is initiated by sending a message using the low power radio transceiver means.

10. (Currently Amended) A The touch-entry user input device as claimed in claim 1 further comprising low power radio transceiver means wherein the first function comprises transmitting data using the low power radio transceiver means.

11. (Currently Amended) A The touch-entry user input device as claimed in claim 1 operating as a Slave in a Bluetooth piconet.

12. (Currently Amended) A The touch-entry user input device as claimed in claim 1

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operating in accordance with the Bluetooth Standard wherein the first mode is the Sniff Mode or Park Mode.

13. (Currently Amended) A The touch-entry user input device as claimed in claim 12 wherein the exit from the Sniff Mode is initiated by transmitting a LMP_unsniff_req message.

14. (Currently Amended) A The touch-entry user input device as claimed in claim 12 wherein the exit from the Park Mode is initiated by transmitting a LMP_accepted message.

15. (Currently Amended) A The touch-entry user input device as claimed in claim 1 operating in accordance with the Bluetooth Standard wherein the second mode is the Active Mode.

16. (Currently Amended) A The touch-entry user input device as claimed in claim 1 wherein the time taken to exit from the first mode and enter into the second mode is less than the time taken to discriminate a user input.

17. (Cancelled)

18. (Currently Amended) A method of transferring a user input device, in response to user input, from a first mode in which the device is not capable of performing a first function to a second mode in which the device is capable of performing a first

function where there is an inherent delay in the transfer process, comprising the steps of:

detecting the initiation of user input and then immediately initiating the transfer; ;

detecting the completion of the user input and performing the first function.

19. (Currently Amended) ~~A method~~ The method as claimed in claim 18, wherein user input is performed by depressing a user depressible key.

20. (Currently Amended) ~~A method~~ The method as claimed in claim 19, further comprising the step of discriminating an instantaneous depression of the key from a continuous depression of the key.

21. (Cancelled)

22. (New) A touch-entry user input device having a first mode in which the device does not perform a first function and a second mode in which the device does perform the first function wherein the device has means for user input and is arranged, when in the first mode, to initiate exit from the first mode and entry into the second mode at the initiation of a user input and to perform the first function at the completion of the user input.